Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 05 Dec 2021 until 23:59 on Monday 06 Dec 2021

Forecast Issued on Sunday 05 Dec 2021 at 03:19

Confidence: High for a rather cloudy and cold day Sunday and becoming very unsettled through next week but much lower for details and timing of rain and snow and strongest winds due to uncertainties over the track of a series of low pressure systems expected to pass over or close to the UK.

Headline for Sunday 05 Dec 2021: Cold, with early light snow clearing. Showers spreading west later. Cloudy.

Mountain weather hazards on Sunday 05 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Dull	Cloudy	Light rain	Cloudy	Cloudy
Precipitation probability					
20%	20%	20%	30%	30%	20%

Forecast for Sunday 05 Dec 2021

Weather: Early snow showers possible above 200m, but likely easing south. Further showers then moving into eastern hills through the day, but freezing levels rising with the showers such that any snow will be limited the highest summits. Otherwise mainly dry but staying cloudy, with winds easing.

Chance of cloud free mountain/hill tops above 600m: 40% at first, becoming 20% in the afternoon, best chances in west.

Visibility: Areas of cloud at first above 400m, with visibility also reduced at lower levels due to any early snow showers, but gradually easing away during the morning. Away from showers very good to excellent views can be expected. Further cloud spreading westwards after midday however, obscuring views from tops above 600m and perhaps as low as 400m in the east during showers.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 05 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/31 N	19/27 N	13/19 N	9/14 N	4/7 N	5/9 SE	10/17 S
300	16/34 N	13/28 N	10/20 N	8/16 N	5/9 N	2/7 E	4/12 SE
Valley	13/31 N	14/31 N	11/23 N	6/14 N	2/5 NE	2/5 E	4/9 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-1/-8	0/-5	1/-3	1/-1	1/-1	1/-3
300	2/-4	1/-4	3/-1	3/-1	2/-0	2/0	2/-0
Valley	3/-2	3/-2	4/1	4/2	2/1	2/1	3/1
Freezing Level*	400m	400m	700m	900m	900m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Limited views likely from the tops, and feeling cold with the brisk winds, especially during the morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 05 Dec 2021	0mm	0mm	0mm

Forecast for Monday 06 Dec 2021

Weather: Rapid deterioration in conditions is expected, as bands of rain and snow move through. Snow line rising just above highest summits with first band, before rapidly falling again as a heavy and squally band of rain and snow follows late morning. This later band bringing brief blizzard conditions above 600m, before clearing. Frequent showers then follow, with snow falling to 400m, but interspersed with drier brighter spells. Feeling cold, with a notable wind chill.

Maximum wind: Southerly 30-35mph gusting 40-45mph, briefly 55mph. Veering westerly 25-30mph gusting 35-40mph during the afternoon.

Chance of cloud free mountain/hill tops above 600m: Near 0%, at first, improving to 60% during the afternoon.

Visibility: Cloud obscuring views above 400m at first, and only moderate to poor at low levels due to rain. Becoming very poor on highest summits by late morning, with blizzard conditions giving whiteout at times. Blizzard conditions also possible above 400m in showers, with cloud returning to obscure views above 600m. Strong winds likely moving them quickly through however. Some very good to excellent views likely between showers, and out of any drifting snow.

Temperature: **Valleys:** Plus 1 Celsius rising to Plus 4 Celsius
At 600m: Zero Celsius rising to plus 2 Celsius, falling to Minus 1 Celsius during the afternoon
Freezing level: 700m, rising above summits mid-morning, then falling to 500m.

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